U2L2 Collecting Like Terms continued and Substitution

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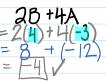
Ⓐ Collecting Like Terms:

ex 1) $6x + 3 - 2x =$ $4x + 3$ ✓

change (-)(-) into (+)(+)

ex 2) $8 + 2n + n - 9 = 3n - 1$ ✓

ex 3) $3B + 4A - 1B = 2B + 4A$ ✓

ex 4) $8 + 2p + 6 + 1p - 4p = -1p + 14$ ✓

From worksheet:

① $7x + 3 - 2x$ if $x = 8$ $5x + 3$
$= 5(8) + 3 = \boxed{43}$

② $10 - 3y - 7$ if $y = 3$ $-3y + 3$
$= -3(3) + 3$
$= -9 + 3$
$= \boxed{-6}$

Ⓑ Substitution:

ex 1) $x = 2$, solve $4x + 3$
$= 4(2) + 3$
$= 8 + 3$
$= \boxed{11}$ ✓

ex 3) $A = -3$ and $B = 4$, solve $2B + 4A$
$= 2(4) + 4(-3)$
$= 8 + (-12)$
$= \boxed{-4}$ ✓

$\boxed{I}$ ... in space $\underline{43}$

$\boxed{T}$ ... in space $\underline{-6}$

Assignment: U2L2 WKST : SILKWORM